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FIG. 1

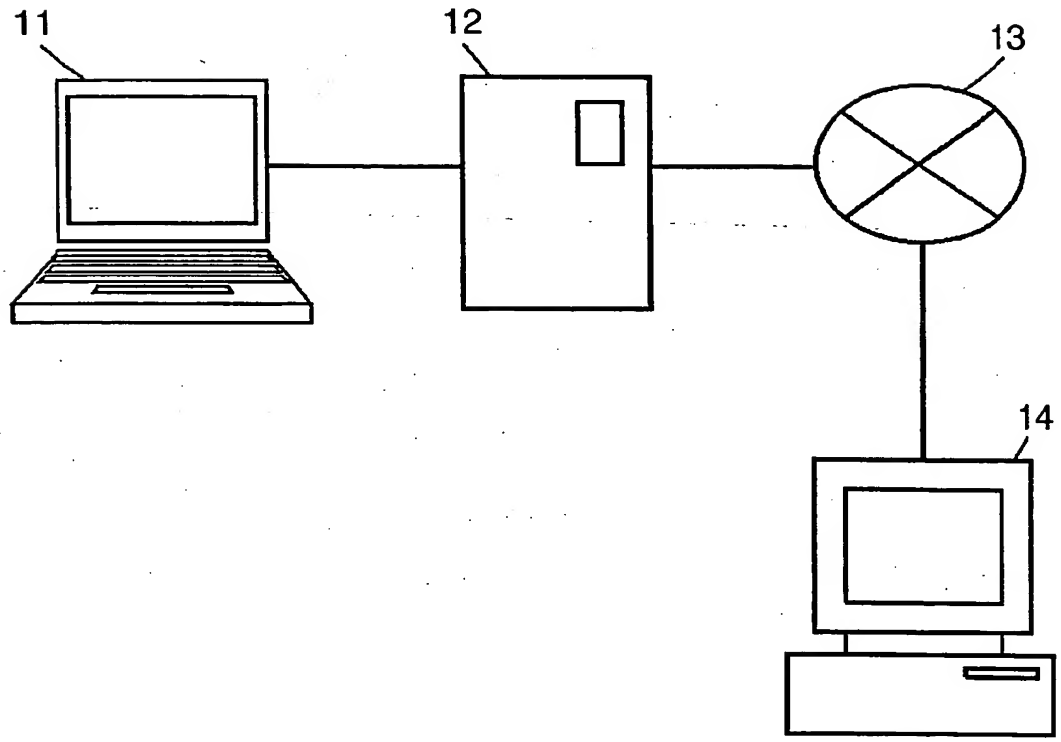

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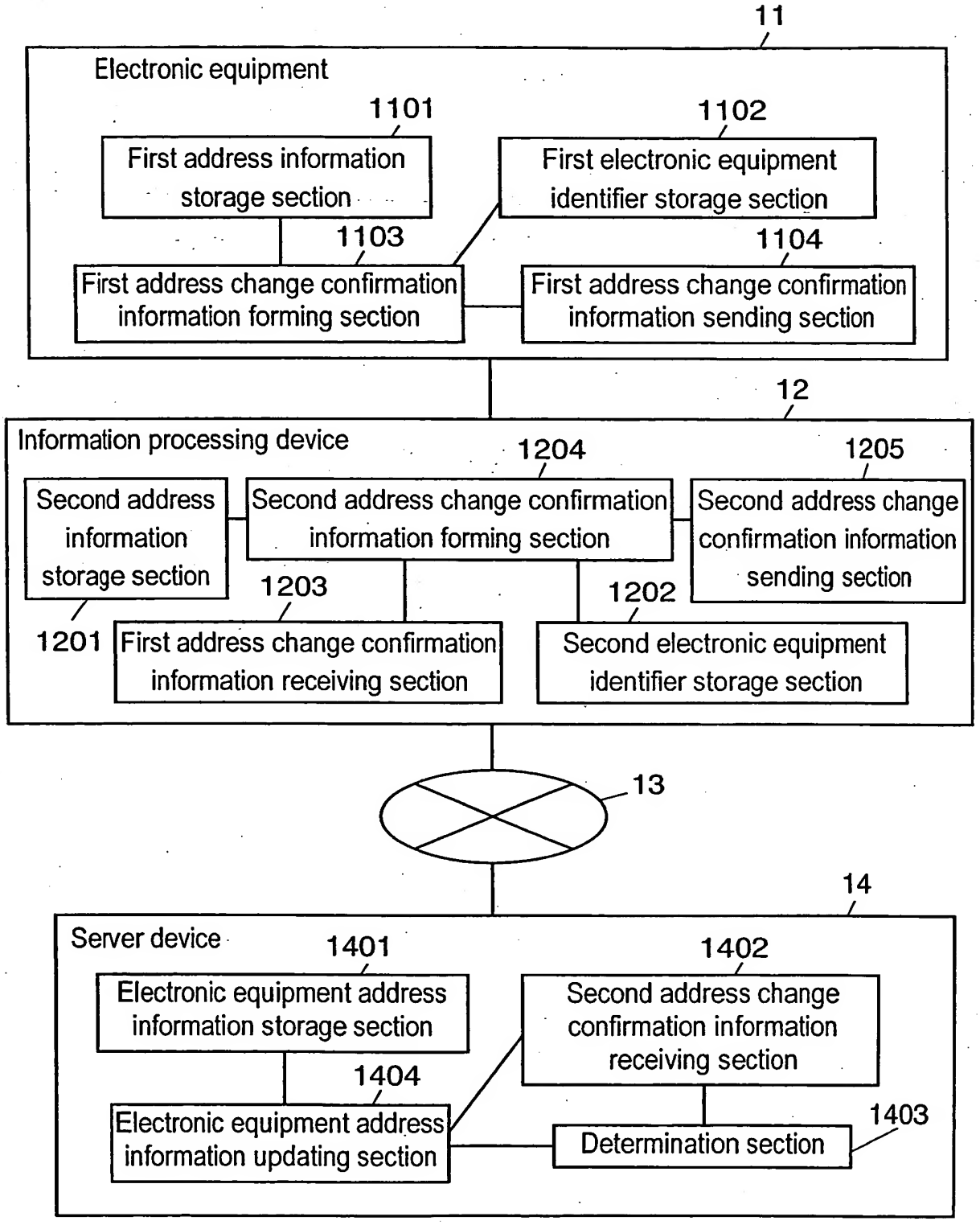
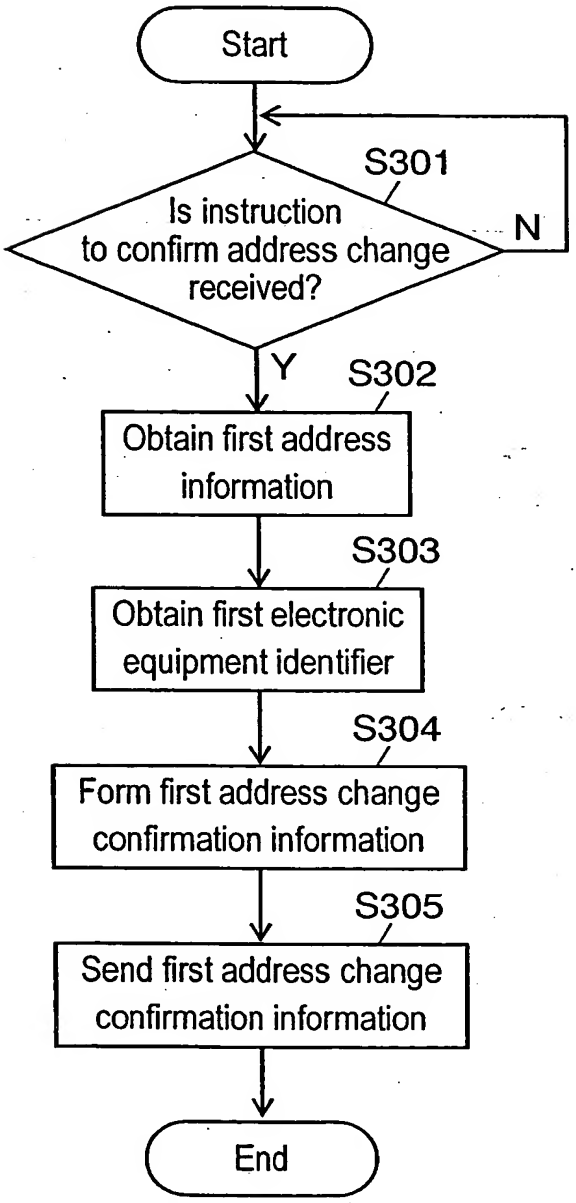
FIG. 2



10/528978



FIG. 3



10/528978



FIG. 4

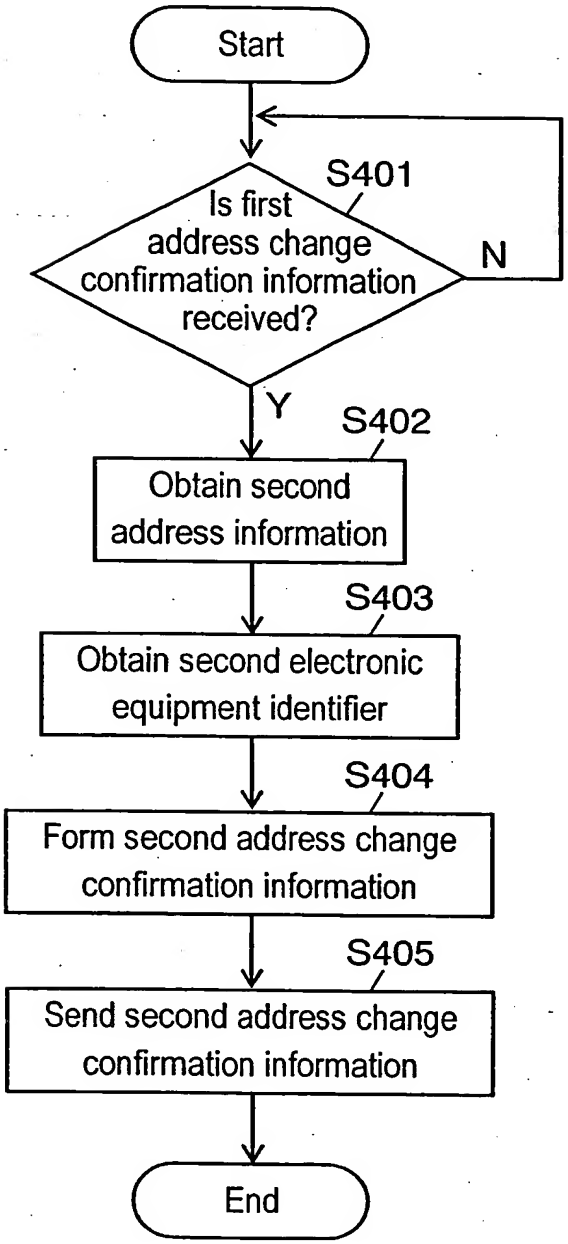


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FIG. 5

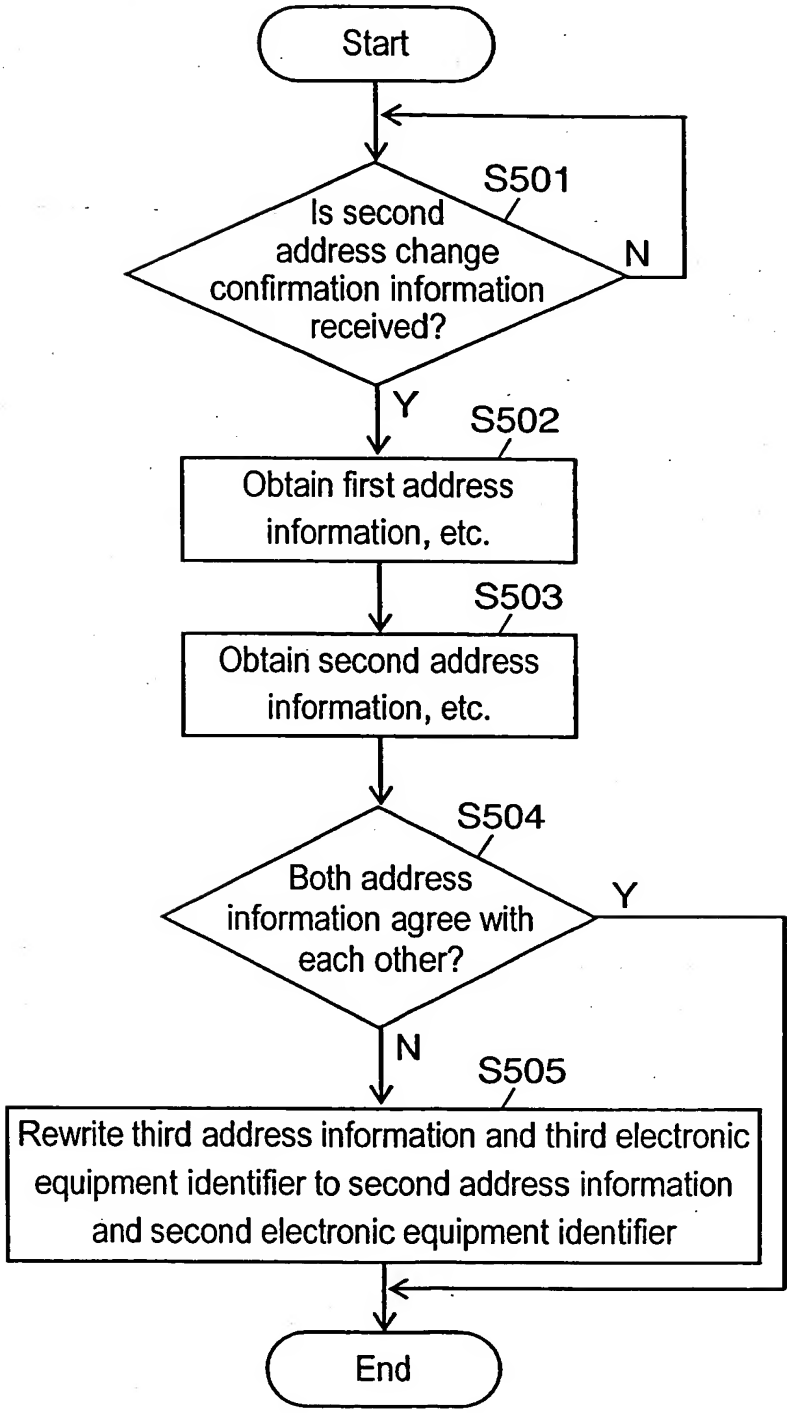
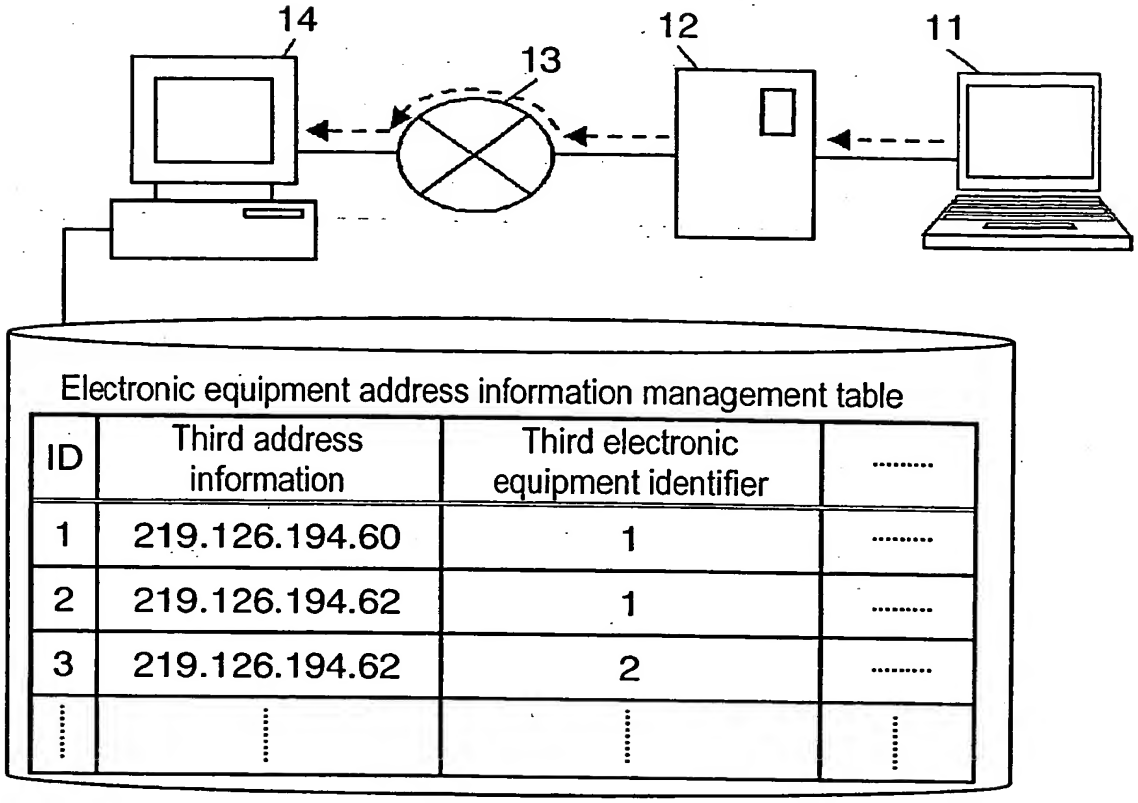


FIG. 6




Electronic equipment address information management table

| ID | Third address information | Third electronic equipment identifier | ..... |
|---|---|---|---|
| 1 | 219.126.194.60 | 1 | ..... |
| 2 | 219.126.194.62 | 1 | ..... |
| 3 | 219.126.194.62 | 2 | ..... |
| ⋮ | ⋮ | ⋮ | ⋮ |

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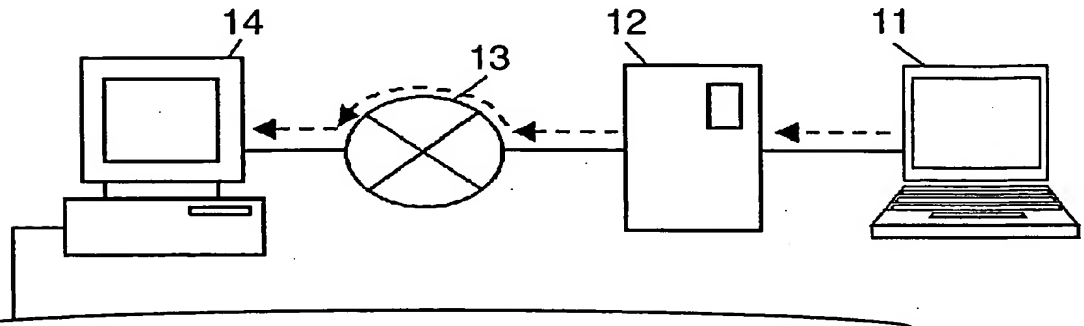
# FIG. 7

Packet (2)

| | |
|---|---|
| SA | 219.126.194.60 |
| DA | 202.224.136.50 |
| SP | 1 |
| DP | 2 |
| Data | OSA: 219.126.194.60<br>OSP: 1 |

Packet (1)

| | |
|---|---|
| SA | 192.168. 0. 2 |
| DA | 202.224.136.50 |
| SP | 1 |
| DP | 2 |
| Data | OSA: 219.126.194.60<br>OSP: 1 |




Electronic equipment address information management table

| ID | Third address information | Third electronic equipment identifier | ..... |
|---|---|---|---|
| 1 | 219.126.194.60 | 1 | ..... |
| 2 | 219.126.194.62 | 1 | ..... |
| 3 | 219.126.194.62 | 2 | ..... |
| ⋮ | ⋮ | ⋮ | ⋮ |

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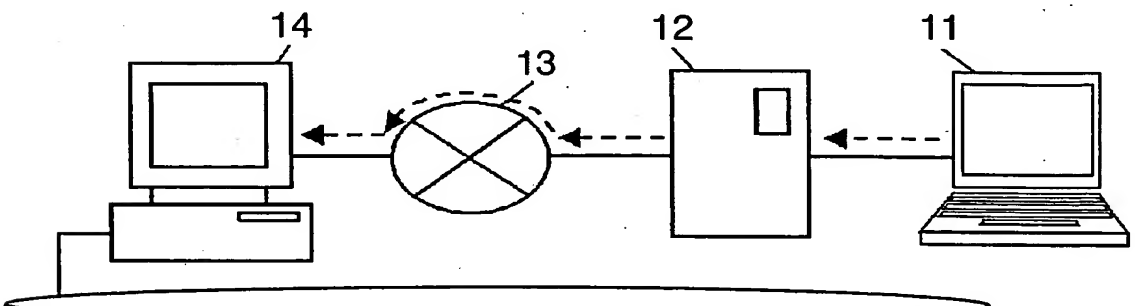
# FIG. 8

Packet (2)

| | |
|---|---|
| SA | 219.126.194.63 |
| DA | 202.224.136.50 |
| SP | 1 |
| DP | 2 |
| Data | OSA: 219.126.194.62<br>OSP: 1 |

Packet (1)

| | |
|---|---|
| SA | 192.168. 0. 2 |
| DA | 202.224.136.50 |
| SP | 1 |
| DP | 2 |
| Data | OSA: 219.126.194.62<br>OSP: 1 |




Electronic equipment address information management table

| ID | Third address information | Third electronic equipment identifier | ..... |
|---|---|---|---|
| 1 | 219.126.194.60 | 1 | ..... |
| 2 | 219.126.194.62 | 1 | ..... |
| 3 | 219.126.194.62 | 2 | ..... |
| ⋮ | ⋮ | ⋮ | ⋮ |

# FIG. 9

| ID | Third address information | Third electronic equipment identifier | ..... |
|---|---|---|---|
| 1 | 219.126.194.60 | 1 | ..... |
| 2 | 219.126.194.63 | 1 | ..... |
| 3 | 219.126.194.62 | 2 | ..... |
| ⋮ | ⋮ | ⋮ | ⋮ |

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FIG. 10

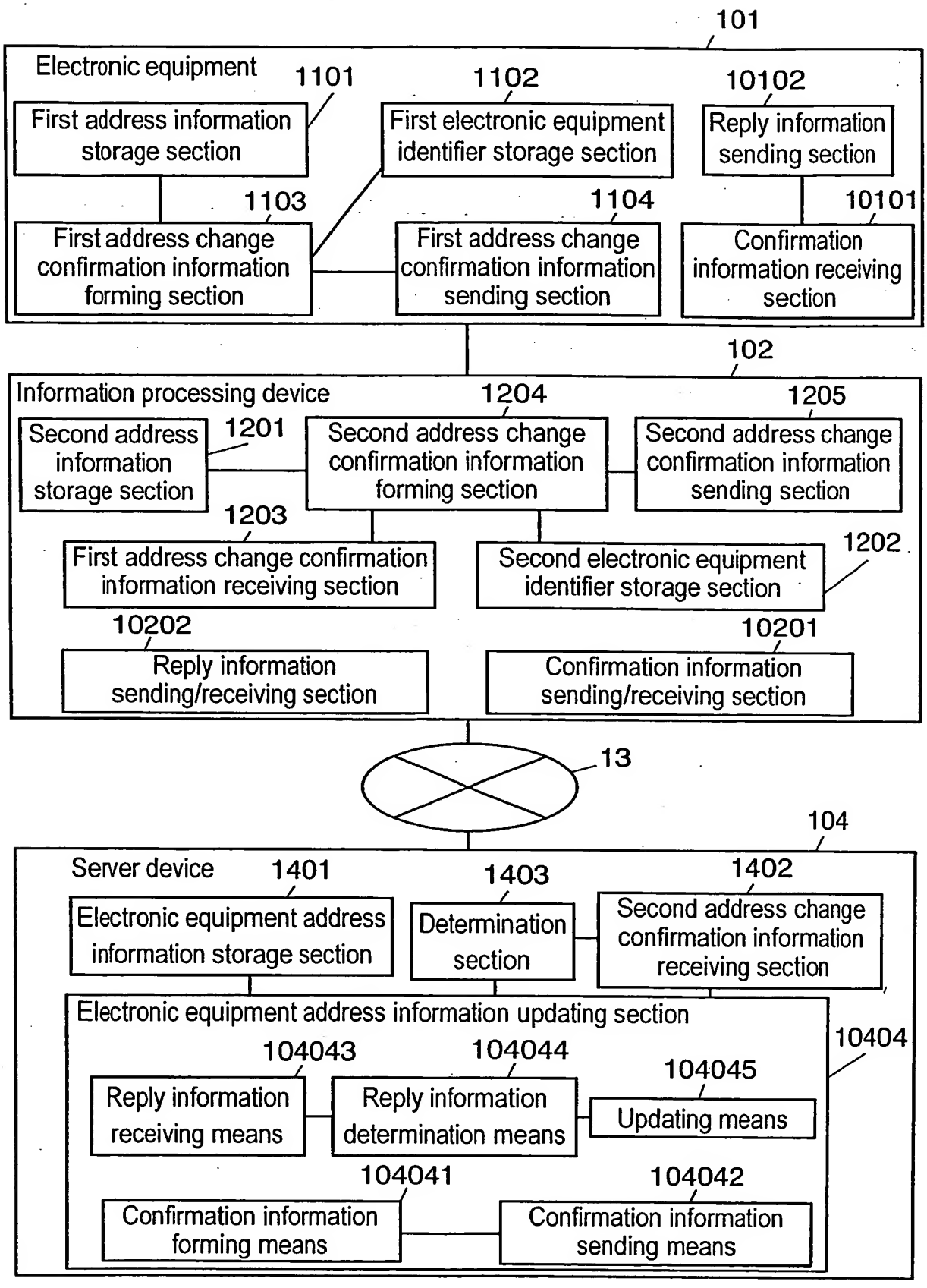

FIG. 11

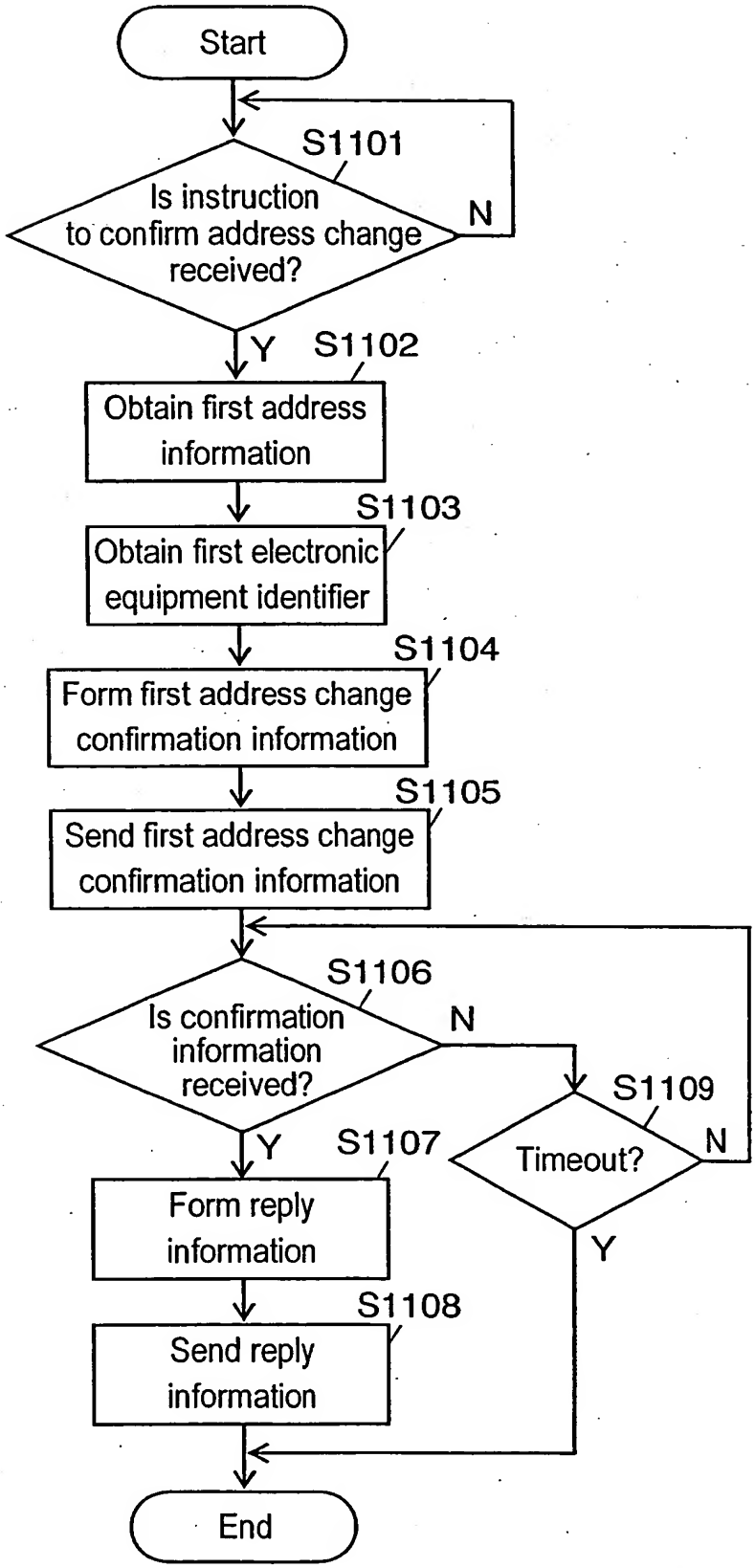
Start
S1101
Is instruction to confirm address change received?
N
Y
S1102
Obtain first address information
S1103
Obtain first electronic equipment identifier
S1104
Form first address change confirmation information
S1105
Send first address change confirmation information
S1106
Is confirmation information received?
N
S1109
Timeout?
N
Y
Y
S1107
Form reply information
S1108
Send reply information
End

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FIG. 12

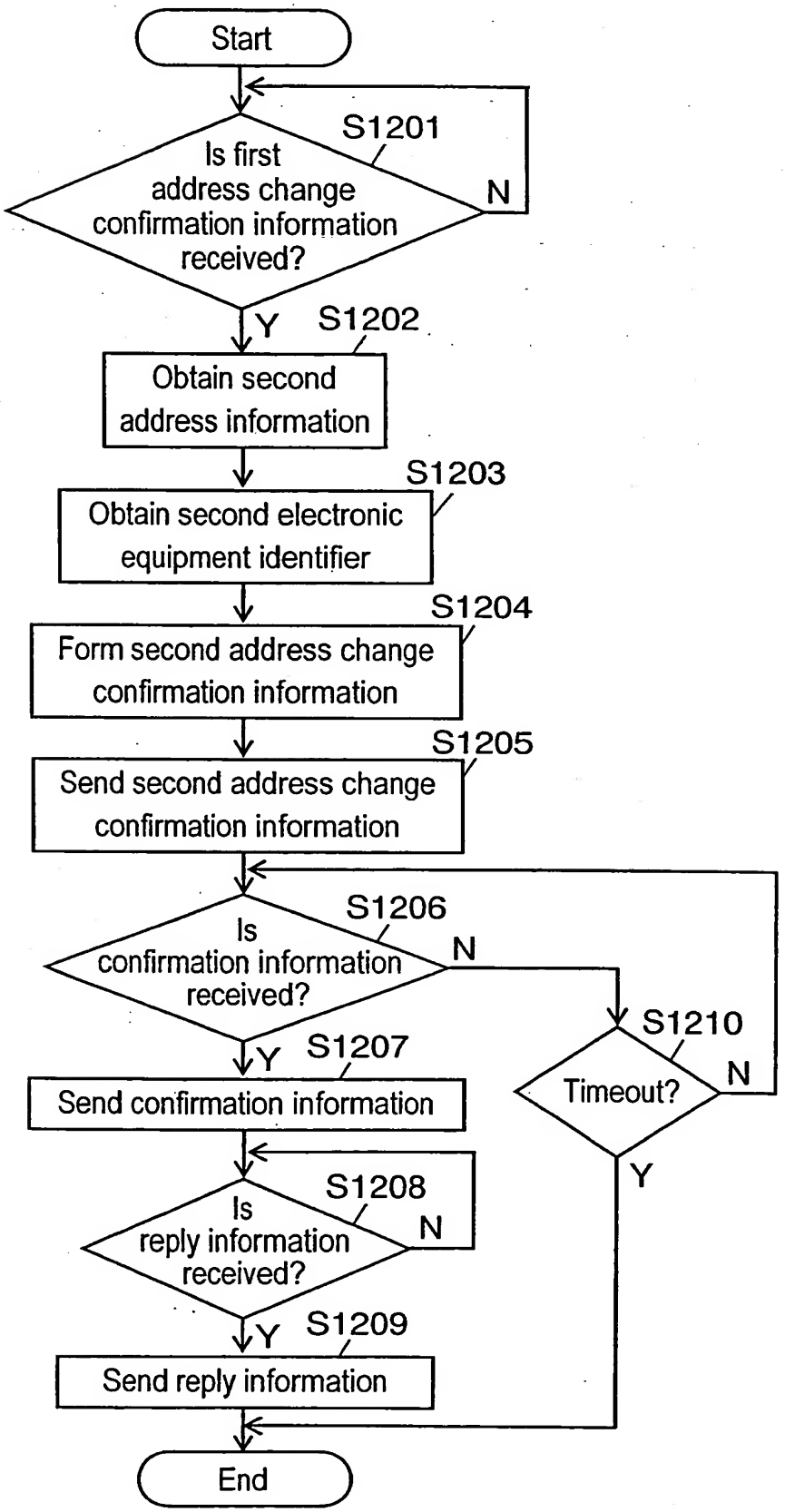

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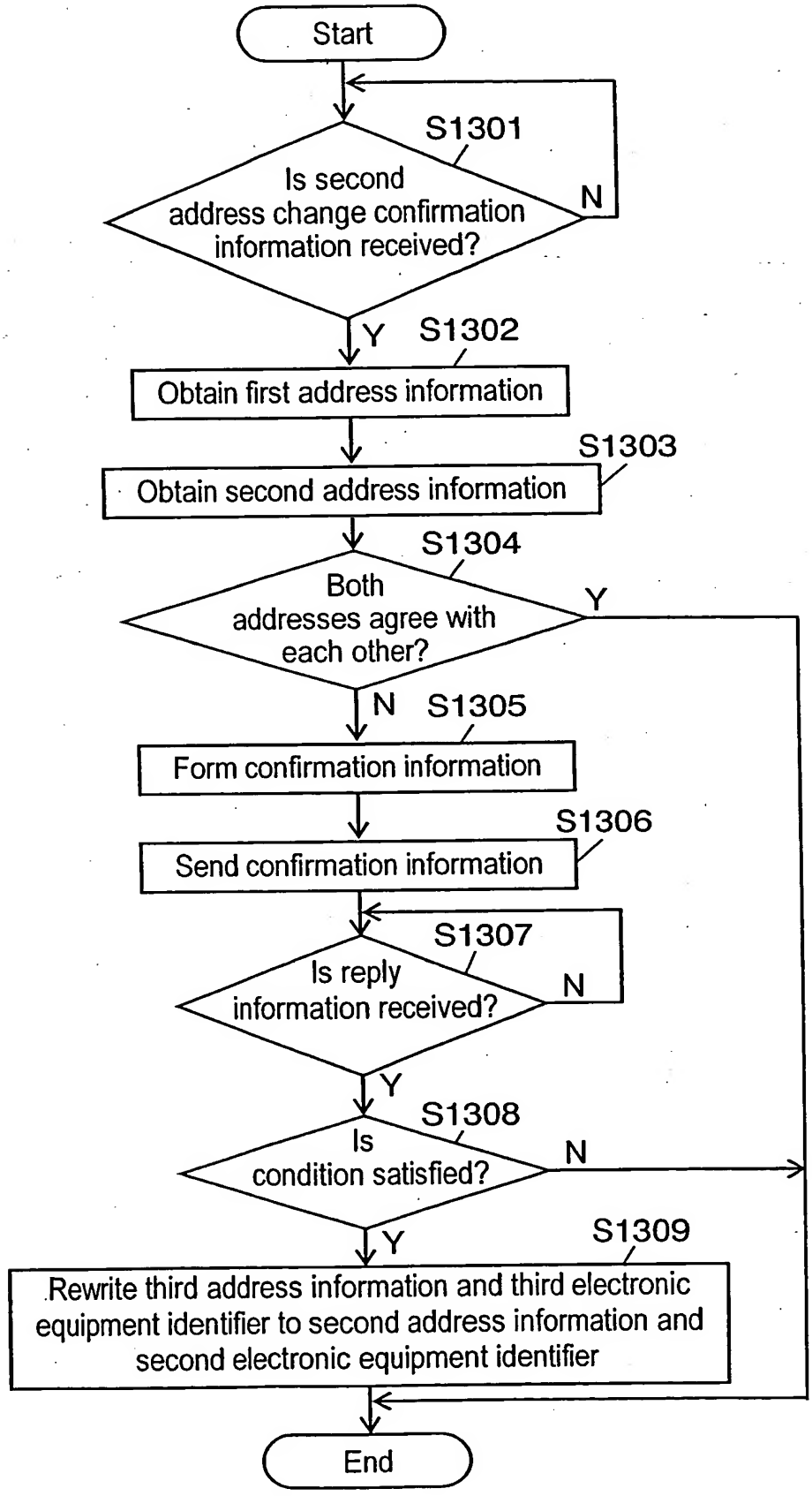
FIG. 13



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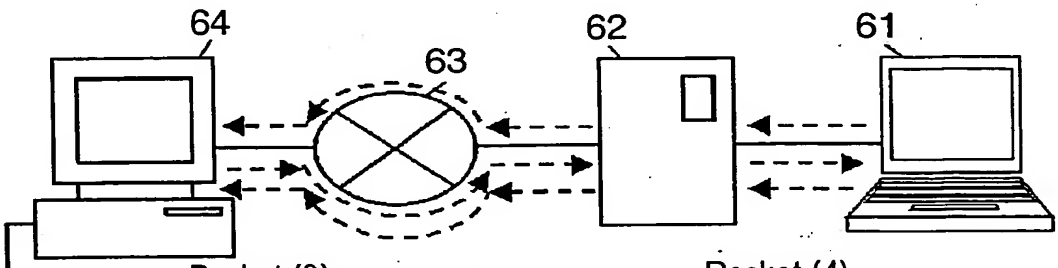
# FIG. 14

Packet (2)

| | |
|---|---|
| SA | 219.126.194.63 |
| DA | 202.224.136.50 |
| SP | 1 |
| DP | 2 |
| Data | OSA: 219.126.194.62<br>OSP: 1 |

Packet (1)

| | |
|---|---|
| SA | 192.168. 0. 2 |
| DA | 202.224.136.50 |
| SP | 1 |
| DP | 2 |
| Data | OSA: 219.126.194.62<br>OSP: 1 |




Packet (3)

| | |
|---|---|
| SA | 202.224.136.50 |
| DA | 219.126.194.63 |
| SP | 2 |
| DP | 1 |
| Data | 1 |

Packet (4)

| | |
|---|---|
| SA | 202.224.136.50 |
| DA | 192.168. 0. 2 |
| SP | 2 |
| DP | 1 |
| Data | 1 |

Packet (6)

| | |
|---|---|
| SA | 219.126.194.63 |
| DA | 202.224.136.50 |
| SP | 1 |
| DP | 2 |
| Data | 1 |

Packet (5)

| | |
|---|---|
| SA | 192.168. 0. 2 |
| DA | 202.224.136.50 |
| SP | 1 |
| DP | 2 |
| Data | 1 |

Electronic equipment address information management table

| ID | Third address information | Third electronic equipment identifier | ..... |
|---|---|---|---|
| 1 | 219.126.194.60 | 1 | ..... |
| 2 | 219.126.194.62 | 1 | ..... |
| 3 | 219.126.194.62 | 2 | ..... |
| ⋮ | ⋮ | ⋮ | ⋮ |

FIG. 15

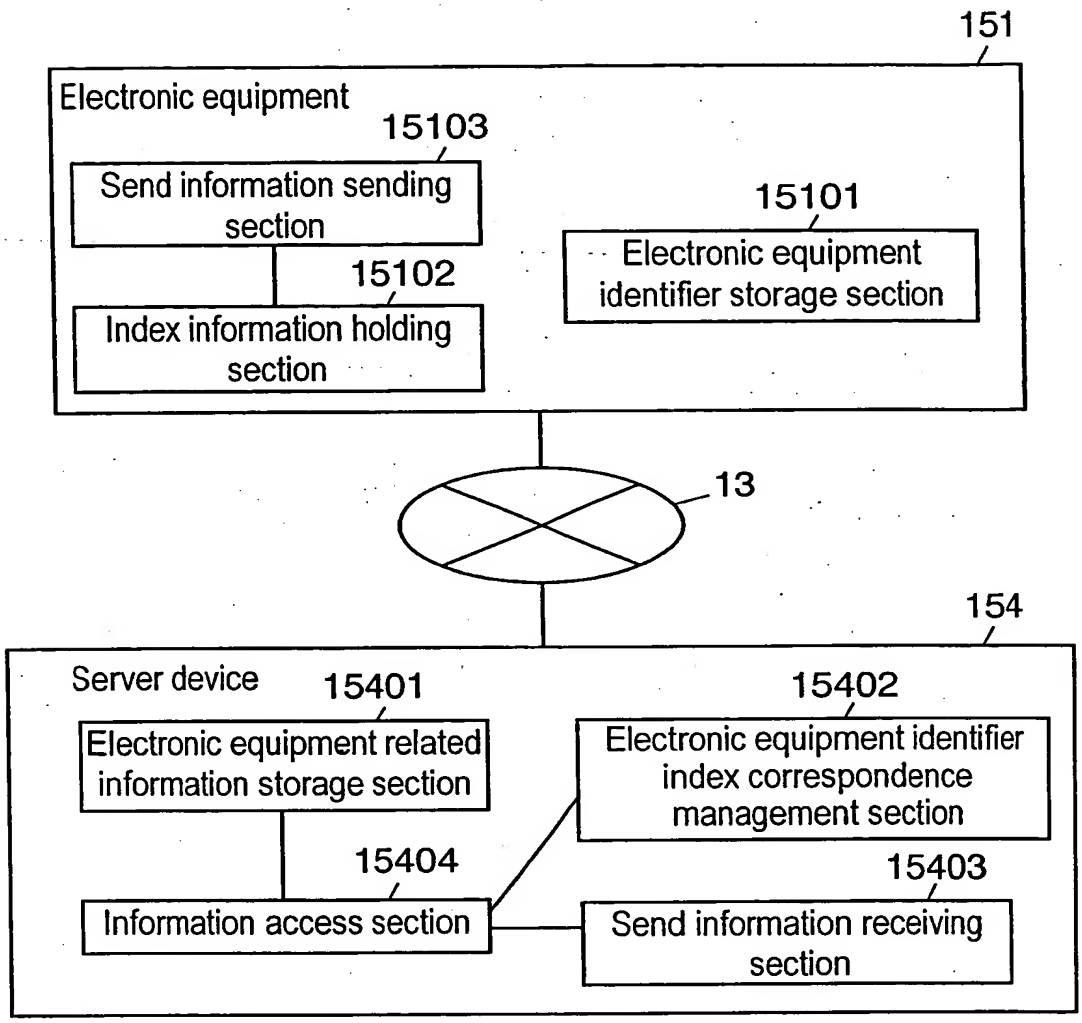

151
Electronic equipment
15103
Send information sending section
15102
Index information holding section
15101
Electronic equipment identifier storage section
13
154
Server device
15401
Electronic equipment related information storage section
15404
Information access section
15402
Electronic equipment identifier index correspondence management section
15403
Send information receiving section

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FIG. 16

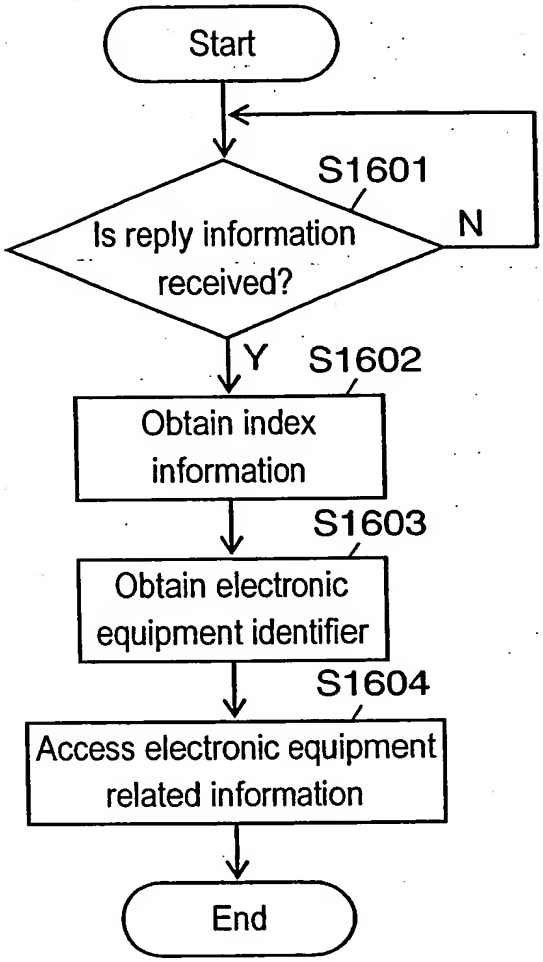


FIG. 17

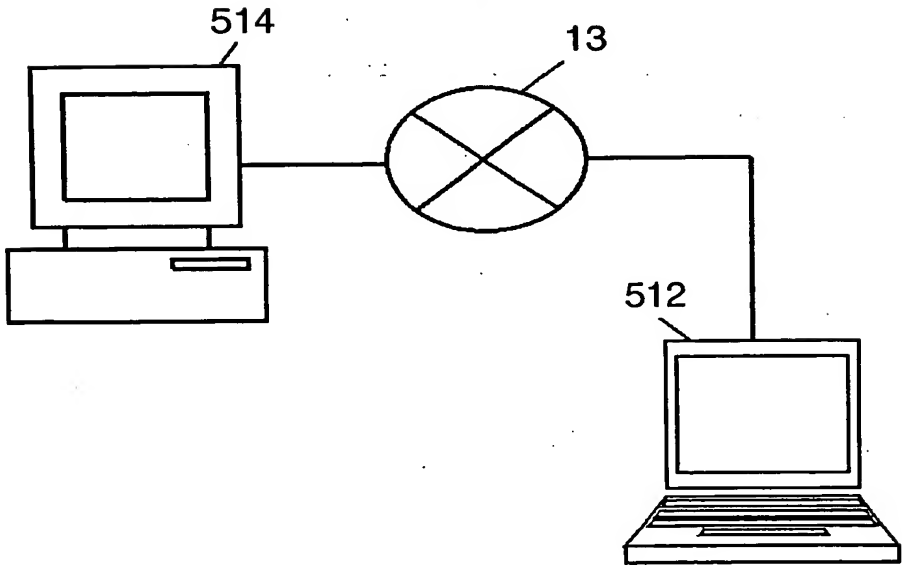

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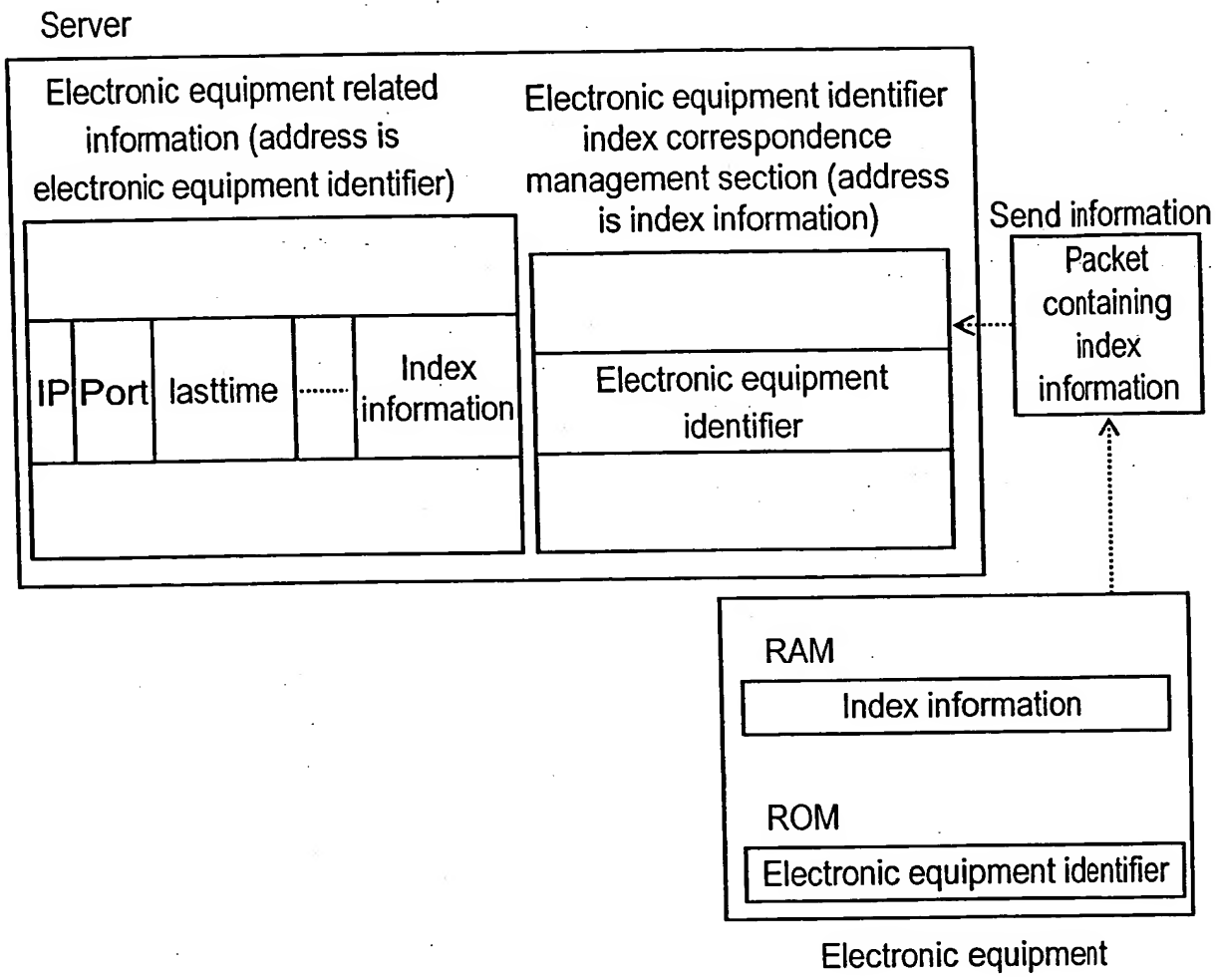
FIG. 18



**Reference numerals in the drawings**

11, 101, 151 Electronic equipment
12, 102 Information processing device
13 The Internet
14, 104, 154 Server device
1101 First address information storage section
1102 First electronic equipment identifier storage section
1103 First address change confirmation information forming section
1104 First address change confirmation information sending section
1201 Second address information storage section
1202 Second electronic equipment identifier storage section
1203 First address change confirmation information receiving section
1204 Second address change confirmation information forming section
1205 Second address change confirmation information sending section
1401 Electronic equipment address information storage section
1402 Second address change confirmation information receiving section
1403 Determination section
1404 Electronic equipment address information updating section
10101 Confirmation information receiving section
10102 Send back information sending section
10201 Confirmation information sending/receiving section
10202 Reply information sending/receiving section
10404 Electronic equipment address information updating section
15101 Electronic equipment identifier storage section
15102 Index information holding section
15103 Send information sending section
15401 Electronic equipment related information storage section
15402 Electronic equipment identifier index correspondence management section
15403 Send information receiving section
15404 Information access section
104041 Confirmation information forming means
104042 confirmation information sending means
104043 Reply information receiving means
104044 Reply information determination means
104045 Updating means